

FIGURE 1

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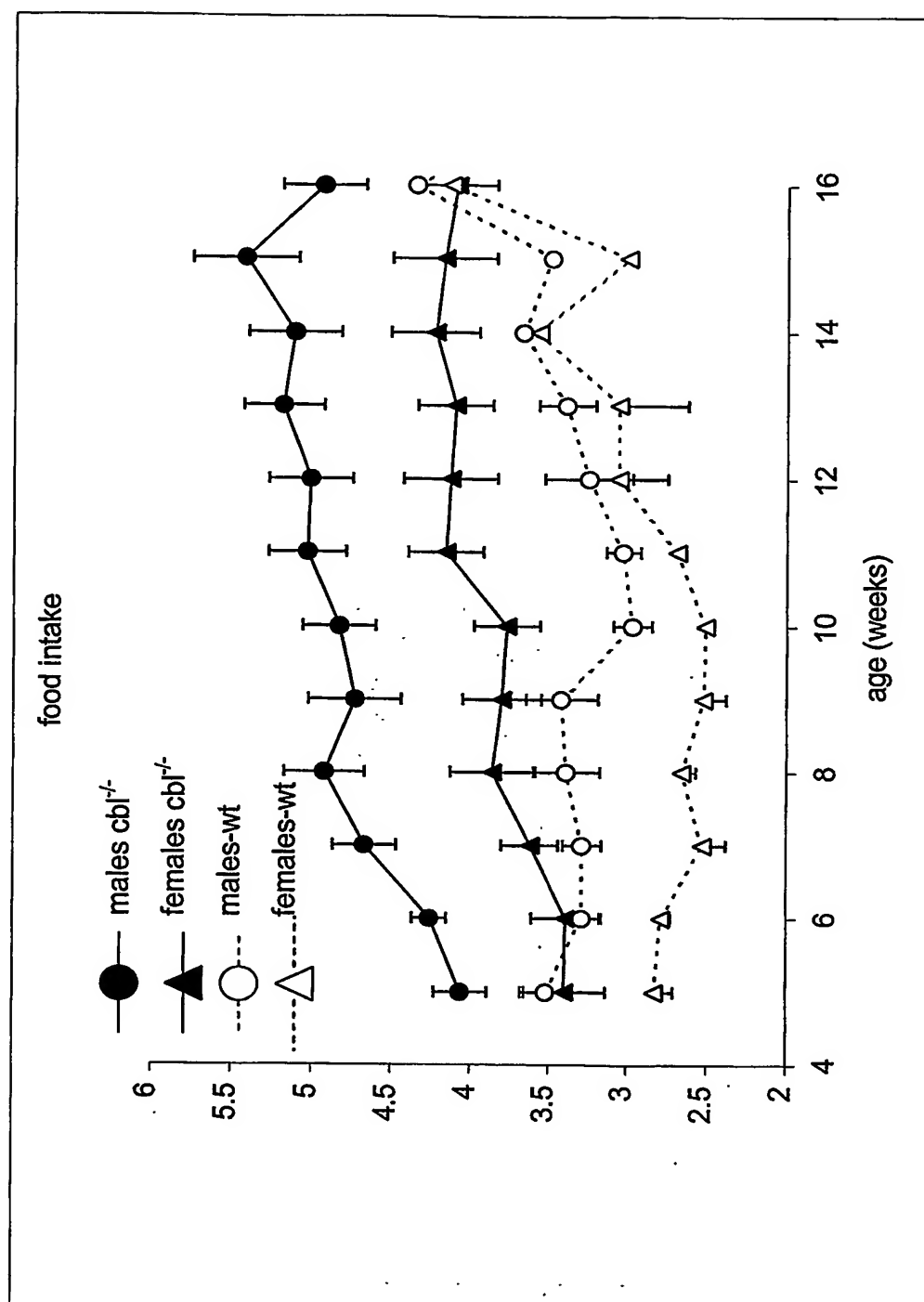


FIGURE 2

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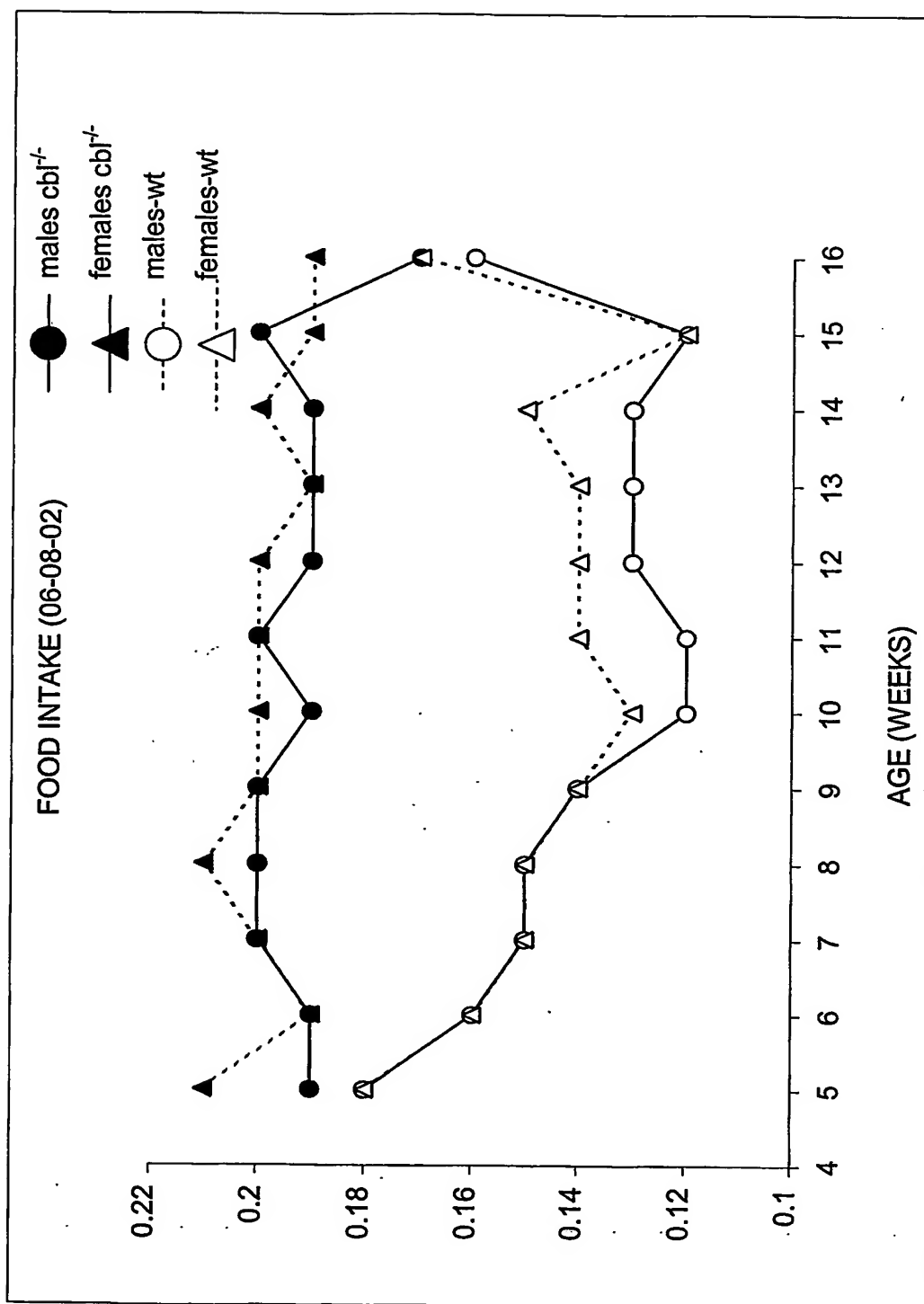


FIGURE 3

TISSUE WEIGHT

Wild Type

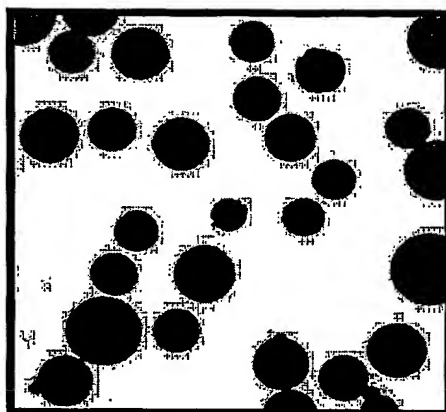
AVG	30.4	0.543	0.141	0.204		100	1.79	0.46	0.67
SEM	0.54	0.129	0.002	0.011			0.46	0.01	0.02
	BW	WAT	BAT	QUAD		BW	WAT	BAT	QUAD

Cbl-deficient

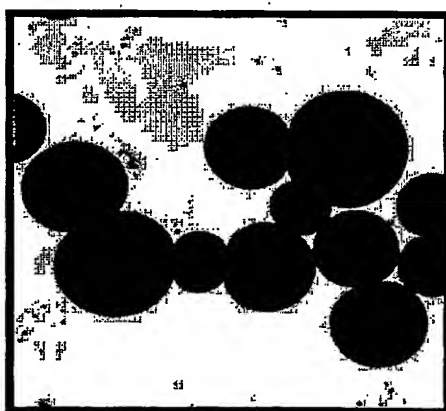
AVG	30.00	0.226	0.073	0.206		100.00	0.75	0.24	0.69
SEM	0.95	0.021	0.005	0.013			0.07	0.01	0.04
	BW	WAT	BAT	QUAD		BW	WAT	BAT	QUAD

FIGURE 4

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Cbl-deficient



Wild Type

FIGURE 5

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**ADIPOCYTE SIZE MALES**

	diameter ( $\mu\text{m}$ )		VOLUME (pl/cell)		Lipid content (ng/cell)	
	AVG	SEM	AVG	SEM	AVG	SEM
WT	84.91	1.57	240.28	4.45	219.86	4.07
KO	49.44	0.90	82.43	1.25	75.42	1.14
KO 500	56.82	1.23	72	1.56	65.88	1.43

**ADIPOCYTE SIZE FEMALES**

	diameter ( $\mu\text{m}$ )		VOLUME (pl/cell)		Lipid content (ng/cell)	
	AVG	SEM	AVG	SEM	AVG	SEM
WT	80.48	2.32	204.6	5.9	187.3	5.4
KO	55.21	1.77	66.05	2.12	60.92	1.96

**FIGURE 6**

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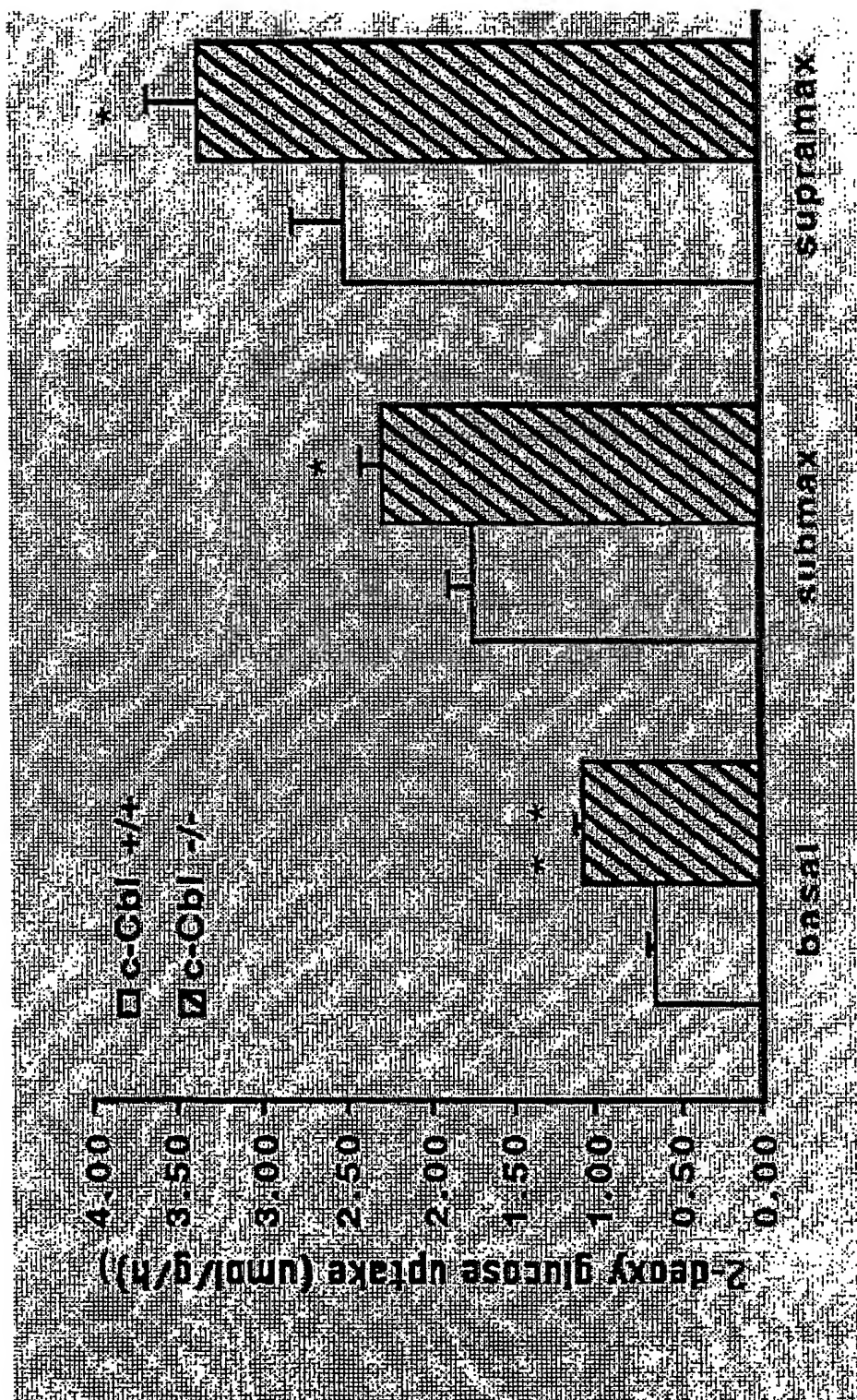


FIGURE 7A

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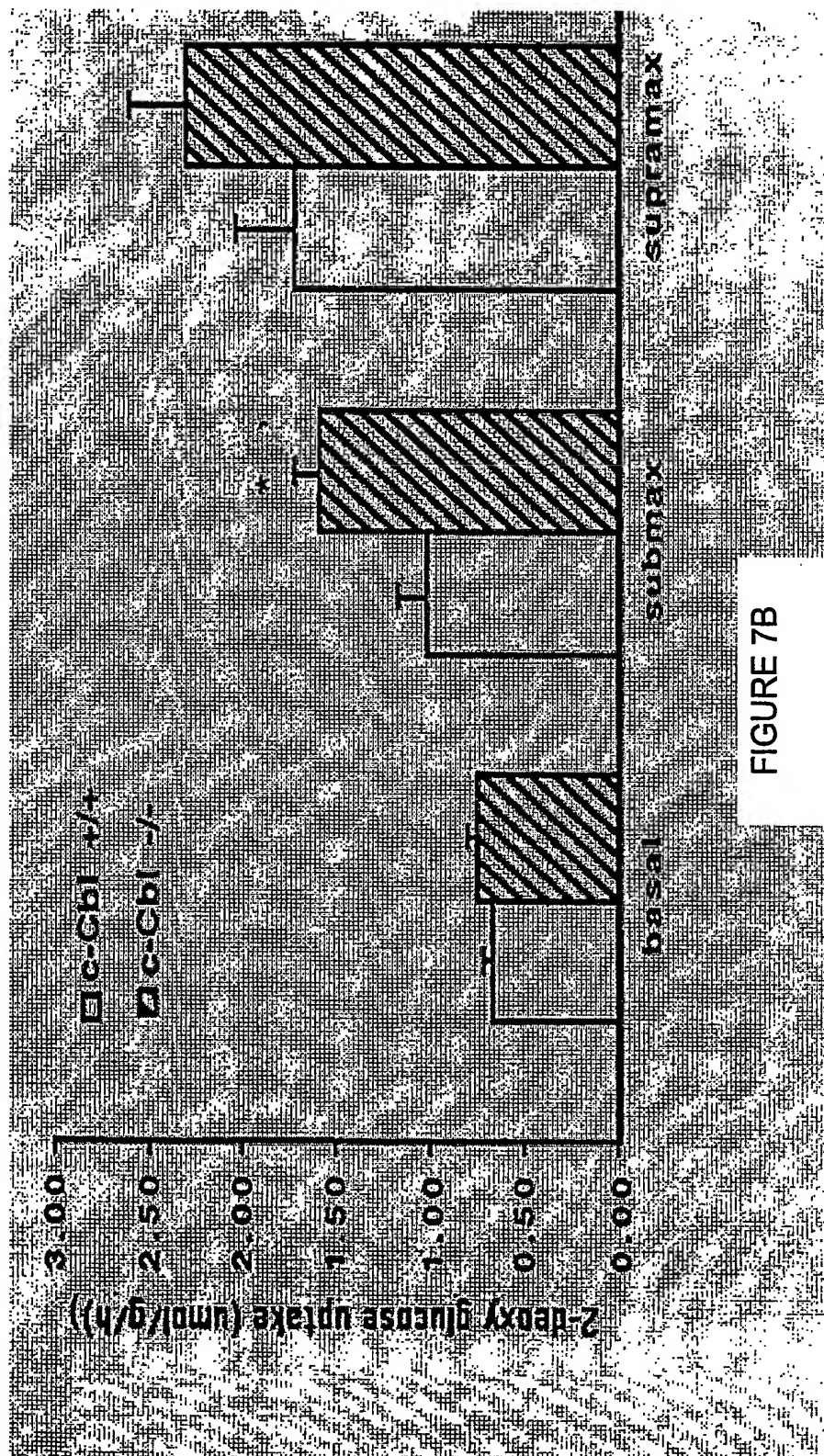


FIGURE 7B



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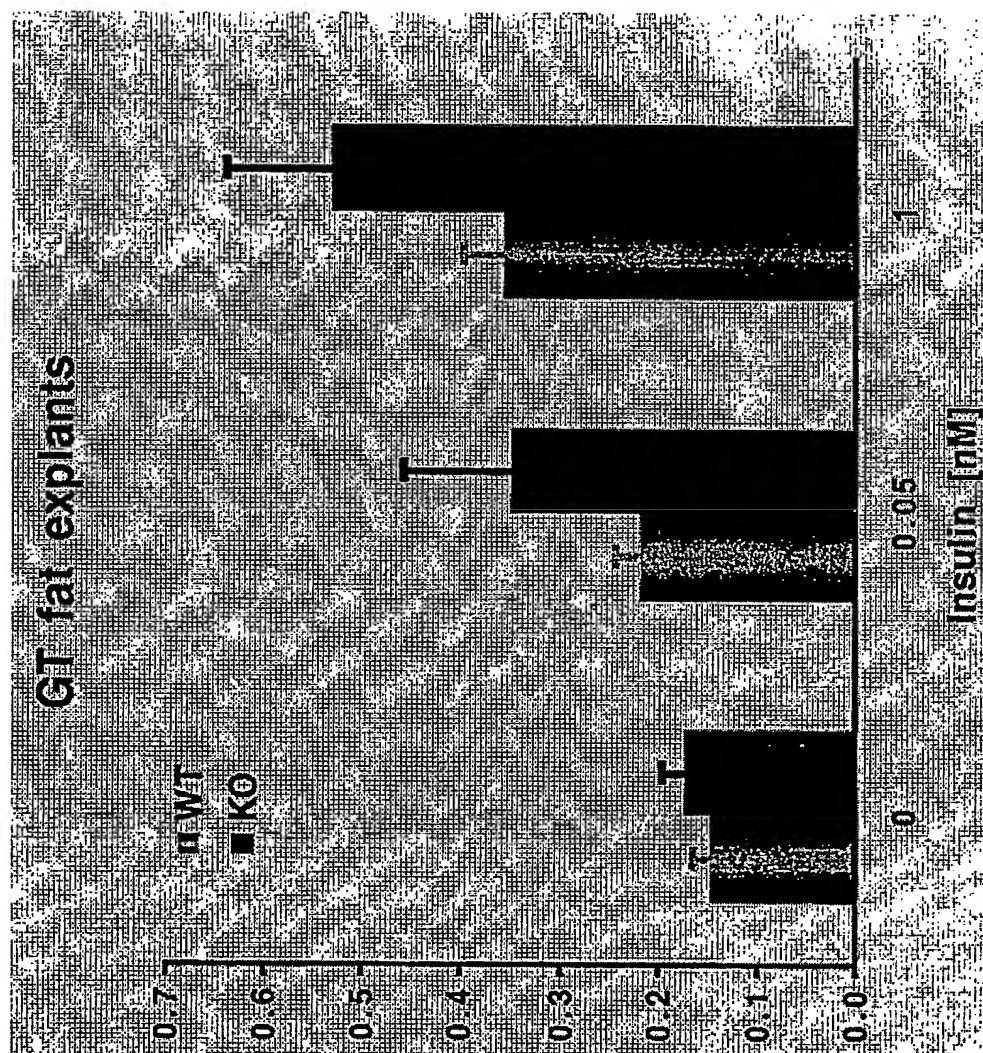


FIGURE 8